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DETAILED IRRIGATION BUDGET

FOR THE YEAR

1955-56

(MAJOR HEADS XVII, 17, 18 AND 68)
[DEMANDS VIII AND XXXV]

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DETAILED IRRIGATION BUDGET

FOR THE YEAR

1955-56

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DEMAND VIII—IRRIGATION.

ESTIMATE OF THE AMOUNTS REQUIRED FOR EXPENDITURE IN 1955-56.

DEMAND FOR GRANT (VOTED)	Rs 1,52,91,800
Total of Sums Charged	*Rs 1,71,64,000*

Summary by Major Heads.

HEAD OF ACCOUNT.	Accounts 1953 54. Second 6 months.	Budget Estimate, 1954-55.	Revised Estimate, 1954-55.	Budget Estimate, 1955-56.
(1)	(2)	(3)	(4)	(5)
	RS	RS	RS	RS
XVII. IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES ..	1,67,015	32,54,400	43,22,800	43,92,600
Add—RECOVERIES	15,99,686	12,59,400	20,52,500	20,87,500
17. IRRIGATION—INTEREST ON WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—CHARGED ..	*62,64,684*	*1,54,37,000*	*1,43,78,000*	*1,71,64,000*
18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES ..	49,65,408	79,80,800	92,37,700	88,01,700
Add—RECOVERIES	..	14,000	12,000	10,000
TOTAL—DEMAND VIII—IRRIGATION. { *Charged.*	*62,64,684*	*1,54,37,000*	*1,43,78,000*	*1,71,64,000*
TOTAL—DEMAND VIII—IRRIGATION. { VOTED.	67,32,109	1,25,08,600	1,56,25,000	1,52,91,800
GRAND TOTAL ..	**1,29,96,793**	**2,79,45,600**	**3,00,03,000**	**3,24,55,800**

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
Irrigation Works—Productive Works.								
XVII. a. EXTENSIONS AND IMPROVEMENTS ..		—42,039		63,800		70,700		73,600
XVII. b. MAINTENANCE AND REPAIRS ..		—34,796		24,19,800		30,15,500		32,96,100
XVII. c. ESTABLISHMENT—								
SPECIAL ESTABLISHMENT ..		..		..		..		..
XVII. cc. DEVELOPMENT SCHEMES—SCHEMES INCLUDED IN THE FIVE-YEAR PLAN—								
EXTENSIONS AND IMPROVEMENTS		779		10,000		8,900		..
TOTAL—IRRIGATION WORKS—PRODUCTIVE WORKS ..		—76,056		24,93,600		30,95,100		33,69,700
Irrigation Works—Unproductive Works.								
XVII. d. EXTENSIONS AND IMPROVEMENTS		213		11,300		13,500		13,700
XVII. e. MAINTENANCE AND REPAIRS ..		1,53,602		3,37,300		5,47,200		5,50,100
TOTAL—IRRIGATION WORKS—UNPRODUCTIVE WORKS.		1,53,815		3,48,600		5,60,700		5,63,800
Navigation, Embankment and Drainage Works—Unproductive Works.								
XVII. f. EXTENSIONS AND IMPROVEMENTS ..		9,280		3,00,000		3,09,000		3,00,000
XVII. g. MAINTENANCE AND REPAIRS ..		73,047		1,62,300		3,12,000		2,44,000
TOTAL—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—UNPRODUCTIVE WORKS.		82,327		4,62,300		6,21,000		5,44,000

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
XVII. PENSION CHARGES—								
IRRIGATION—								
PRODUCTIVE		4,954		39,200		36,700		39,000
UNPRODUCTIVE ..		1,401		3,700		4,900		5,400
NAVIGATION—								
UNPRODUCTIVE ..		574		3,900		4,400		4,000
TOTAL—PENSION CHARGES ..		6,929		46,800		46,000		48,400
XVII. LUMP ADDITION FOR REGRANT OF LAPSES ..		..		..		..		30,000
XVII. LUMP DEDUCTION FOR PROBABLE SAVINGS—								
IRRIGATION—								
PRODUCTIVE ..		..		— 55,800		..		-1,15,500
UNPRODUCTIVE ..		..		— 7,900		..		— 12,900
NAVIGATION—								
UNPRODUCTIVE ..		..		— 33,200		..		— 34,900
TOTAL—LUMP DEDUCTION ..		..		— 96,900		..		-1,63,300
TOTAL—XVII. WORKING EXPENSES (INCLUDED IN DEMAND VIII—IRRIGATION)—VOTED ..	**1,67,015**		**32,54,400**		**43,22,800**		**43,92,600**	
Add—								
Pro rata CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENT, ETC.								
(*a*) ESTABLISHMENT—IRRIGATION—								
PRODUCTIVE—								
DEVELOPMENT SCHEMES .. } OTHER SCHEMES .. .. }		84,543		4,66,500		5,87,400		6,23,400
UNPRODUCTIVE ..		23,063		44,100		78,700		87,000
NAVIGATION—								
UNPRODUCTIVE ..		9,460		46,200		70,800		64,100
TOTAL—ESTABLISHMENT ..		1,17,066		5,56,800		7,36,900		7,74,500

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
Add—								
Pro rata CHARGES SHOWN UNDER DEMAND XXVI—CIVIL WORKS—ESTABLISHMENT, ETC.—*cont.*								
(*b*) TOOLS AND PLANT—IRRIGATION—								
PRODUCTIVE—DEVELOPMENT SCHEMES. OTHER SCHEMES		4,851		20,100		40,400		17,800
UNPRODUCTIVE		903		2,400		7,300		3,300
NAVIGATION—								
UNPRODUCTIVE		455		2,800		8,400		3,100
TOTAL—TOOLS AND PLANT ..		6,209		25,300		56,100		24,200
TOTAL—MAJOR HEAD XVII—IRRIGATION—WORKING EXPENSES.	**2,90,290**		**38,36,500**		**51,15,800**		**51,91,300**	
DISTRIBUTION OF THE MAJOR HEAD TOTAL AS BETWEEN PRODUCTIVE AND UNPRODUCTIVE—								
IRRIGATION—								
PRODUCTIVE		18,292		29,63,600		37,59,600		39,64,400
UNPRODUCTIVE ..		1,79,182		3,90,900		6,51,600		6,46,600
NAVIGATION—				..				
UNPRODUCTIVE ..		92,816		4,82,000		7,04,600		5,80,300
TOTAL ..	**2,90,290**		**38,36,500**		**51,15,800**		**51,91,300**	

17.—INTEREST ON WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

Summary by Minor Heads and Sub-heads of appropriation.

17. a. *IRRIGATION WORKS—Charged—*								
(1) *PRODUCTIVE*		*22,39,178*		*44,93,000*		*44,87,000*		*44,91,000*
(2) *UNPRODUCTIVE* ..		*39,29,031*		*1,07,51,000*		*96,98,000*		*1,24,80,000*
17. b. *NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—Charged—*								
UNPRODUCTIVE ..		*96,475*		*1,93,000*		*1,93,000*		*1,93,000*
TOTAL ..		*62,64,684*		*1,54,37,000*		*1,43,78,000*		*1,71,64,000*
GRAND TOTAL—MAJOR HEAD 17—CHARGED ..	*62,64,684*		*1,54,37,000*		*1,43,78,000*		*1,71,64,000*	

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS.								
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.								
Public Works Department.								
18. a. WORKS ..		9,089		4,000		8,000		2,200
18. b. EXTENSIONS AND IMPROVEMENTS ..		1,11,138		1,00,800		1,22,400		1,15,900
18. c. MAINTENANCE AND REPAIRS		22,45,707		32,33,700		38,98,600		40,34,900
MISCELLANEOUS EXPENDITURE.								
18. d. ESTABLISHMENTS—								
1. PAY OF OFFICERS AND ESTABLISHMENTS ..		72,396		1,69,700		1,65,000		1,65,400
2. OTHER CHARGES ..		37,109		79,500		76,000		76,000
3. SUPERVISION CHARGES ..		5,475		8,500		12,100		12,100
TOTAL—18. d. ..		1,14,980		2,57,700		2,53,100		2,53,500
18. e. TOOLS AND PLANT.		515		1,000		5,200		1,000
18. f. OTHER CHARGES—								
(i) IRRIGATION RESEARCH EXPERIMENTS		1,79,594		2,10,000		3,17,000		2,86,000
(ii) OTHER PROJECTS ..				20,000		61,000		14,300
(iii) DESIGN ENGINEER ..				40,000		..		..
TOTAL—18. f. ..		1,79,594		2,70,000		3,78,000		3,00,300
18. l. GRANTS-IN-AID ..		12,600		10,000		10,000		10,000
18. m. SUSPENSE—DEVELOPMENT SCHEMES—OTHER SCHEMES ..		3,828		−14,000		—12,000		—10,000
TOTAL—PUBLIC WORKS DEPARTMENT ..		**26,77,451**		**38,63,200**		**46,63,300**		**47,07,800**

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953–54. Second 6 months.		Budget Estimate, 1954–55.		Revised Estimate, 1954–55.		Budget Estimate, 1955–56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—*cont.*	RS	RS	RS	RS	RS	RS	RS	RS
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT—*cont.*								
Minor Irrigation.								
Revenue Department.								
18. g. WORKS		2,300		8,300		34,100		24,700
TOTAL—18. g. ..		2,300		8,300		34,100		24,700
18. h. MAINTENANCE AND REPAIRS—								
A. ORDINARY REPAIRS ..		19,18,789		35,59,700		38,04,200		35,08,800
B. FLOOD REPAIRS ..		31,611		4,600		86,800		9,500
TOTAL—18. h. ..		19,50,400		35,64,300		38,91,000		35,18,300
18. j. ESTABLISHMENT—								
1. PAY OF ESTABLISHMENTS		62,468		1,52,300		1,60,000		1,70,000
2. ALLOWANCES ..		56,552		1,25,100		1,37,400		1,39,000
Dearness Allowance ..	26,513		57,300		65,000		70,000	
Travelling Allowance ..	3,932		8,000		8,400		7,000	
Fixed Travelling Allowance	22,440		52,400		56,400		55,000	
Other Compensatory Allowance	3,667		7,400		7,600		7,000	
3. OFFICE CONTINGENCIES ..		1,535		2,900		4,300		3,500
TOTAL—18. j. ..		1,20,555		2,80,300		3,01,700		3,12,500
18. k. TOOLS AND PLANT.		7,174		11,400		12,300		16,100
18. l. GRANTS-IN-AID ..		1,318		1,300		1,300		1,300
18. m. DEVELOPMENT SCHEMES—								
OTHER SCHEMES—WORKS ..		..		5,000		..		5,000
TOTAL—MINOR IRRIGATION		20,81,747		38,70,600		42,40,400		38,77,900
TOTAL—IRRIGATION WORKS		47,59,198		77,33,800		89,03,700		85,85,700

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—*cont.*								
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT—*cont.*								
Navigation, Embankment and Drainage Works.								
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.								
Public Works Department.								
18. o. WORKS		..	..	..		..		12,500
18. p. EXTENSIONS AND IMPROVEMENTS ..		54,033		26,000		83,800		6,700
18. q. MAINTENANCE AND REPAIRS—								
ORDINARY REPAIRS ..		1,51,635		2,76,700		2,25,000		2,25,000
FLOOD REPAIRS ..		..		25,000		25,000		25,000
TOTAL—18. q. ..		1,51,635		3,01,700		2,50,000		2,50,000
18. r. OTHER CHARGES ..		— 21		..		..		..
TOTAL—NAVIGATION, ETC., WORKS		2,05,647		3,27,700		3,33,800		2,69,200
18. s. CHARGES IN ENGLAND—OTHER CHARGES—PUBLICATIONS		50		..		200		..
LUMP DEDUCTION FOR PROBABLE SAVINGS ..		..		— 83,800		..		— 53,200
LUMP ADDITION FOR RE-GRANT OF LAPSES ..		..		3,100		..		..
TOTAL—18. (INCLUDED IN DEMAND VIII—IRRIGATION)	* 49,65,408		79,80,800		92,37,700		88,01,700	
Add—								
Pro rata CHARGES SHOWN UNDER DEMAND XXV —CIVIL WORKS—ESTABLISHMENT, ETC.—								
ESTABLISHMENT		4,56,950		6,15,000		4,97,700		5,53,300
TOOLS AND PLANT ..		14,671		41,400		59,400		26,300
GRAND TOTAL—MAJOR HEAD 18.	54,37,029		86,37,200		97,94,800		93,81,300	

* Includes Rs 513 on account of supervision charges.

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES.

Detailed account heads. (1)	Amount of estimate. (2)	Accounts to end of 1953-54. (3)	Budget Estimate, 1954-55. (4)	Revised Estimate, 1954-55. (5)	Budget Estimate, 1955-56. (6)
	RS	RS	RS	RS	RS
IRRIGATION WORKS—PRODUCTIVE WORKS.					
a. EXTENSIONS AND IMPROVEMENTS.					
1. Poiney Anicut System—Minor Works ..			..	1,200	..
2. Cheyyar Anicut System—Minor Works ..			..	1,000	1,400
3. Tirukkoyilur Anicut System—					
Major Works—					
South Arcot Division—					
Improvements to Vadanur tank—G.O. No. 39, P.W., dated 7th January 1948.	12,600 R.E. 18,000	9,331	200	200	..
Minor Works			6,800	4,800	7,000
4. Shatiatope Anicut System—South Arcot Division—					
Minor Works			1,000	5,700	16,500
5. Vriddhachalam Anicut System—South Arcot Division—					
Major Works—					
Providing falling shutters on either side of Vriddachalam anicut—C.E.I.'s No. 4896/47 B-30, dated 6th December 1951 (D.R. No. 29/51-52).	19,000	29	19,000	10,000	9,000
Minor Works			..	..	..
6. Lower Coleroon Anicut System—					
Major Works—					
South Arcot Division—					
Shifting the source of supply of Khan Sahib canal and Gavarapet channel. G.O. No. 551, P.W., dated 1st March 1947.	68,100	..	..	—700	..
Minor Works			1,000	1,900	..
7. Cauvery Delta System—					
Major Works—					
Cauvery Division—					
(i) Construction of a syphon across Manniar for Sarukkai Drainage Channel in the right Bank of Coleroon—Chief Engineer for Irrigation's No. 2191/51-M-2, dated 2nd June 1951.	R.E. 24,400	21,049	..	3,800	..
(ii) Providing field Bothies to lands under Nadupadugai North Branch Channel and fixing pipes in masonries—Chief Engineer for Irrigation's No. 550/51-B-2, dated 3rd July 1952. D.R. No. 234-I/51-52.	24,500	2,203	..	22,000	..
(iii) Construction of a new bridge across Mallinar. D.R. No. 118/52-53.	16,000	..	..	— 900	..
(iv) Electrification of headworks at Grand Anicut. G.O . No. 1684, P.W., dated 10th May 1954.	11,860	..	..	9,100	2,800
Carried over ..			28,000	58,100	36,700

R.E. = Revised Estimate.

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Detailed account heads. (1)	Amount of Estimate. (2)	Accounts to end of 1953-54. (3)	Budget Estimate, 1954-55. (4)	Revised Estimate, 1954-55. (5)	Budget Estimate, 1955-56. (6)
	RS	RS	RS	RS	RS
IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*					
a. EXTENSIONS AND IMPROVEMENTS—*cont.*					
Brought forward ..			28,000	58,100	36,700
7. Cauvery Delta System—*con.*					
Minor Works			17,300	37,000	48,100
8. Periyar System—Minor Works			21,600	10,800	12,600
9. Srivaikuntam Anicut System—Minor Works ..			2,500	3,200	..
10. Cauvery-Mettur Project—Major Works—					
Grand Anicut Canals Division—Remodelling Ammanichatram channel from 3/74 and extending the same up to 5/25 to feed tanks in Thiruvathevan village D.R. No. 527/52-53.	15,000	7,149	4,500	4,500	3,000
Minor Works—					
(i) Grand Anicut Canal System			4,500	13,800	15,300
(ii) Vadavar System			1,500	2,500	600
(iii) Salem Division			600	1,200	600
11. Thadapalle Channel System—Minor Works ..			800	1,600	700
12. Kalingarayan Channel System—Minor Works ..			800	1,300	..
13. Kattalai Scheme—Major Works—River Conservancy Division—Improvements to Koilakarankoil Kattuvari.			20,000	5,000	15,000
Minor Works			3,000	5,500	..
14. Arakankotah channel—Minor Works			5,600	2,000	3,500
Total ..			1,10,700	1,46,500	1,36,100
Deduct—Old Maintenance Charges			— 46,900	— 75,800	— 62,500
TOTAL—XVII. a. EXTENSIONS AND IMPROVEMENTS ..			63,800	70,700	73,600

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Detailed account heads.		Amount of Estimate.	Accounts to end of 1953–54.	Budget Estimate, 1954–55.	Revised Estimate, 1954–55.	Budget Estimate, 1955–56.
(1)		(2)	(3)	(4)	(5)	(6)
		RS	RS	RS	RS	RS
IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*						
b. MAINTENANCE AND REPAIRS.						
1. Chembarambakkam Tank	O.R.		14,565	17,000	27,000	21,600
2. Poiney Anicut System	O.R.		12,322	40,000	32,000	32,000
3. Cheyyar Anicut System	O.R.		54,619	65,000	65,000	68,000
4. Thadapalli Channel	O.R.		12,476	36,000	42,000	28,800
	F.R.		..	..	1,800	..
5. Arkenkota Channel	O.R.		5,462	11,400	11,000	11,100
	F.R.		..	..	500	..
6. Kalingarayan Channel	O.R.		11,907	73,000	55,300	30,000
7. Tirukkoyilur Anicut System	O.R.		23,716	63,000	68,000	63,000
	F.R.		..	..	2,000	2,000
8. Shatiatope Anicut System	O.R.		17,188	55,000	56,000	70,000
	F.R.		..	..	3,500	..
9. Mehmathur Anicut System	O.R.		3,814	12,000	12,000	17,500
	F.R.		..	..	500	..
10. Vriddhachalam Anicut System	O.R.		7,972	23,000	23,000	35,000
	F.R.		..	..	4,000	..
11. Lower Coleroon Anicut System	O.R.		1,11,569	2,25,000	2,95,000	2,38,900
	F.R.		..	35,000	36,500	35,000
12. Cauvery Delta System	O.R.		7,31,067	16,66.000	28,38,100	29,00,200
	F.R.		..	50,000	1,66,800	3,37,400
13. Nandiyar Channel System	O.R.		7,441	10,000	20,000	18,000
14. Periyar System	O.R.		76,790	2,30,900	2,76,900	2,48,900
	F.R.		..	..	400	..
15. Srivaikuntam Anicut System	O.R.		27,982	90,000	61,000	90,000
16. Marudur Anicut System	O.R.		17,892	40,000	30,000	40,000
	F.R.		..	..	400	..
17. Kattalai Scheme	O.R.		64,307	1,30,000	1,32,000	1,93,000
18. Cauvery-Mettur Project .. — Salem Division	O.R.		..	1,58,000	1,43,500	1,06,000
Grand Anicut Canal Division	O.R.		3,17,518	5,95,000	5,71,600	7,21,460
	F.R.		..	..	5,400	5,000
Total ..			15,18,607	36,25,300	49,81,200	53,12,800
Deduct—Old Maintenance Charges ..			— 15,53,403	— 12,05,500	— 19,65,700	— 20,16,700
TOTAL—XVII b. MAINTENANCE AND REPAIRS			— 34,796	24,19,800	30,15,500	32,96,100
c.c. DEVELOPMENT SCHEMES.						
Schemes included in the Five-year Plan—extensions and improvements.						
1. Cauvery Delta System—						
Major Works—Cauvery Division—Drainage improvements to Cauvery Delta—G.O. No. 1256, P.W., dated 29th April 1946. Key Schemes I to VIII (including cost of Special Revenue Establishment).		T.S. 17,13,990	17,14,595	10,000	10,000	..
2. Vennar Division—Drainage improvements to Cauvery Delta Key Schemes—G.O. No. 1256, P.W., dated 29th April 1946. Including the cost of Special Revenue Establishment Key Schemes IX to XII.		T.S. 14,02,779	14,72,308	..	— 1,100	..
TOTAL—XVII. c.c. DEVELOPMENT SCHEMES.				10,000	8,900	..

O.R. = Ordinary repair. F.R. = Flood repair. T.S. = Technical sanction.

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Detailed account heads. (1)		Amount of Estimate. (2)	Accounts to end of 1953-54. (3)	Budget Estimate, 1954-55. (4)	Revised Estimate, 1954-55. (5)	Budget Estimate, 1955-56. (6)
		RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE WORKS.						
d. EXTENSIONS AND IMPROVEMENTS.						
1. Palar Anicut System—Minor Works				2,800	4,200	5,200
2. Madras Water-supply and Irrigation System—						
Major Works—						
Chingleput Division—						
Providing emergency shutters and raising the piers in front of the automatic shutters in Red Hills Tank—G.O. No. 2981, P.W., dated 13th November 1946		17,000	19,600	..	1,500	..
Minor Works				..	..	..
3. Barur Tank—Minor Works				900	..	..
4. Pelandorai Anicut System—Minor Works				500	1,000	100
5. Badathalav Tank—Minor Works				8,000	8,000	10,000
6. Toludur Project System—Minor Works				2,900	2,900	2,500
Total ..				15,100	17,600	17,800
Deduct—Old Maintenance Charges ..				— 3,800	— 4,100	— 4,100
TOTAL—XVII d. EXTENSIONS AND IMPROVEMENTS				11,300	13,500	13,700
e. MAINTENANCE AND REPAIRS.						
1. Madras water-supply and Irrigation System.	O.R.		20,720	20,000	50,000	20,000
2. Vallur Anicut System	O.R.		5,358	4,500	5,300	4,500
3. Barur Tank	O.R.		10,500	20,000	8,100	8,100
4. Palar Anicut System	O.R.		66,425	1,30,100	1,57,000	1,37,800
5. Pelandorai Anicut System	O.R.		11,811	38,000	38,000	49,500
6. Toludur Project	O.R.		16,054	46,000	50,000	42,000
7. Panjapatti Reservoir	O.R.		190	500	1,100	800
8. Lower Bhavani Project	O.R.		26,788	75,000	2,35,500	2,84,600
9. Badathalav Tank	O.R.		..	6,400	6,400	7,000
Total ..			1,57,846	3,40,500	5,51,400	5,54,300
Deduct—Old Maintenance Charges ..			— 4,244	— 3,200	— 4,200	— 4,200
TOTAL—XVII e. MAINTENANCE AND REPAIRS			1,53,602	3,37,300	5,47,200	5,50,100

O.R. = Ordinary repair.

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (1)	Amount of estimate. (2)	Accounts to end of 1953-54. (3)	Budget Estimate, 1954-55. (4)	Revised Estimate, 1954-55. (5)	Budget Estimate, 1955-56. (6)
	RS	RS	RS	RS	RS
NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.					
UNPRODUCTIVE WORKS.					
f. EXTENSIONS AND IMPROVEMENTS.					
Buckingham Canal System—Major Works—Chingleput Division—Widening the bridge over South Buckingham Canal in Brodies Road-Luz Church Road—No. 4661/52-S-6, dated 27th July 1953—	10,700	4,951	..	4,300	..
Minor Works	..		..	4,700	..
VEDARANNIYAM CANAL SYSTEM.					
Major Works—					
Vennar Division—					
Improvements to Vedaranniyam Canal—G.O. No. 1952, P.W., dated 19th May 1951.	..	100	3,00,000	3,00,000	3,00,000
Minor Works	..		..	..	..
TOTAL—XVII. f. EXTENSIONS AND IMPROVEMENTS—UNPRODUCTIVE			3,00,000	3,09,000	3,00,000
g. MAINTENANCE AND REPAIRS.					
1. Buckingham Canal .. .. O.R.		73,047 (items 1 and 2)	1,57,300	3,00,000	2,16,000
2. Vedaranniyam Canal .. .. O.R.			5,000	12,000	28,000
TOTAL—XVII. g. MAINTENANCE AND REPAIRS		73,047	1,62,300	3,12,000	2,44,000

O.R. = Ordinary repair.

XVII.—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.]	Amount of estimate.	Accounts 1953-54 Second 6 months.	Budget Estimate, 1954-55.	Revised Estimate, 1954-55.	Budget Estimate, 1955-56.
(1)	(2)	(3)	(4)	(5)	(6)
	RS	RS	RS	RS	RS
ESTABLISHMENT.					
CHARGES FOR DISTRIBUTION OF WATER		1,17,066	5,56,800	2,66,800	2,66,800
ESTABLISHMENT ON *pro-rata* BASIS				4,70,100	5,07,700
TOTAL—XVII. ESTABLISHMENT ..		1,17,066	5,56,800	7,36,900	7,74,500
DISTRIBUTION OF TOTAL ESTABLISHMENT CHARGES AS BETWEEN PRODUCTIVE AND UNPRODUCTIVE—					
IRRIGATION—					
PRODUCTIVE		84,543	4,66,500	5,87,400	6,23,400
UNPRODUCTIVE		23,063	44,100	78,700	87,000
NAVIGATION—					
UNPRODUCTIVE		9,460	46,200	70,800	64,100
TOTAL ..		1,17,066	5,56,800	7,36,900	7,74,500

18.—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.

Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (1)	Amount of estimate. (2)	Accounts to end of 1953-54. (3)	Budget Estimate, 1954-55. (4)	Revised Estimate, 1954-55. (5)	Budget Estimate, 1955-56. (6)
	RS	RS	RS	RS	RS
IRRIGATION WORKS.					
PUBLIC WORKS DEPARTMENT.					
a. WORKS.					
MAJOR WORKS—					
1. *South Arcot.*—Construction of a protective bund along the foreshore of the Archivak tank—G.O. No. 706, P.W. (Irrigation), dated 22nd March 1933.	21,210 W.S. 20,600	24,183	..	1,000	..
2. *Chingleput Division.*—Construction of an anicut across Ninjalmaduvu—G.O. No. 1925, P.W., dated 7th July 1944.	3,71,000 T.S. 5,34,750	4,30,116	..	..	..
3. *Chingleput Division,*—Improvement to Manamathi tank—Chief Engineer's (Irrigation) No. 31/51 J-5, dated 15th November 1951.	14,000	9,510	..	..	..
MINOR WORKS			4,000	7,000	2,200
TOTAL—18. a. WORKS ..			4,000	8,000	2,200
b. EXTENSION AND IMPROVEMENTS.					
VOTED—					
PUBLIC WORKS DEPARTMENT WORKS		29,274	50,000	42,500	49,300
OLD MAINTENANCE CHARGES		81,864	50,800	79,900	66,600
TOTAL—18. b. EXTENSION AND IMPROVEMENTS			1,00,800	1,22,400	1,15,900
c. MAINTENANCE AND REPAIRS.					
VOTED—					
PUBLIC WORKS DEPARTMENT WORKS—					
ORDINARY REPAIRS		6,87,918	19,64,000	18,48,300	19,62,500
FLOOD REPAIRS		..	4,000	59,800	36,500
TANK RESTORATION SCHEME REPAIRS		139	50,000	20,600	15,000
OLD MAINTENANCE CHARGES		15,57,647	12,08,700	19,69,900	20,20,900
REVENUE DEPARTMENT WORKS IN CHARGE OF PUBLIC WORKS DEPARTMENT—ORDINARY REPAIRS.		3	7,000	..	..
TOTAL—18. c. MAINTENANCE AND REPAIRS.		22,45,707	32,33,700	38,98,600	40,34,900

W.S. = Work Slip. T.S. = Technical Sanction.

DEMAND XXXV—CAPITAL OUTLAY ON IRRIGATION.

ESTIMATE OF THE AMOUNTS REQUIRED FOR EXPENDITURE IN 1955–56.

DEMAND FOR GRANT (VOTED) .. Rs 7,74,34,300

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

(Development Schemes included in the Five-year Plan.)

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953–54. Second 6 months.		Budget Estimate, 1954–55.		Revised Estimate, 1954–55.		Budget Estimate, 1955–56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—PRODUCTIVE.								
SMALL IRRIGATION SCHEMES—								
a. WORKS—								
A. CAUVERY DELTA SYSTEM.		3,308		15,000		— 9,700		31,800
B. CAUVERY-METTUR PROJECT		18,764		— 3,800		15,900		— 3,500
C. KATTALAI PROJECT SYSTEM		3,097		3,000		3,000		..
D. LOWER COLEROON ANICUT SYSTEM		29,047		1,63,000		1,73,300		11,400
E. THADAPALLI CHANNEL SYSTEM		..		..		2,000		..
F. TIRUKKOYILUR ANICUT SYSTEM		3,509		..		..		..
G. SHATIATOPE ANICUT SYSTEM		2,603		1,000		29,800		..
H. ARAKANKOTTAI CHANNEL SYSTEM		14,647		..		6,500		4,000
J. VRIDDHACHALAM ANICUT SYSTEM		10,024		20,000		25,000		..
TOTAL—68. a. WORKS ..		84,999		1,98,200		2,45,800		43,700

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54, Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—PRODUCTIVE—*cont.*								
SMALL IRRIGATION SCHEMES—*cont.*								
b. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENTS.								
CAUVERY-METTUR PROJECT—								
OLAVAYAL SCHEME ..		1,683		700		800		..
Pay of Establishment ..	663		500		500		..	
Dearness and other Allowances	349		200		300		..	
Contingencies	671		..		..		..	
TOTAL—68. b. A. ..		1,683		700		800		..
B. PENSION CHARGES—								
1. SPECIAL WORKS .. }		921		100		..		..
2. OTHER WORKS .. }				1,000		900		100
TOTAL—68. b. B. ..		921		1,100		900		100
TOTAL—68. b. ..		2,604		1,800		1,700		100
68. c. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		— 35,323		— 4,300		—1,17,200		— 30,000
TOTAL 68.—IRRIGATION WORKS—PRODUCTIVE —SMALL IRRIGATION SCHEMES		52,280		1,95,700		1,30,300		13,800
UNPRODUCTIVE.								
1. GAYATRIPUZHA SCHEME—								
e. WORKS		9,425		..		46,500		1,000
f. ESTABLISHMENT—								
SPECIAL ESTABLISHMENTS		1,306		..		3,300		3,200
TOTAL—1. GAYATRIPUZHA SCHEME		10,731		..		49,800		4,200
2. PONNIAR SCHEME—								
e. WORKS		6,640		30,000		53,500		..
g. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		— 4,678		..		— 200		..
TOTAL—2. PONNIAR SCHEME ..		1,962		30,000		53,300		..
3. PALAR ANICUT SYSTEM ..		..		..		..		..
4. UDUTHORAHALLA SCHEME—								
e. WORKS		..		5,900		500		5,400

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953–54, Second 6 months.		Budget Estimate, 1954–55.		Revised Estimate, 1954–55.		Budget Estimate, 1955–56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*	RS	RS	RS	RS	RS	RS	RS	RS
SMALL IRRIGATION SCHEMES—*cont.*								
5. BADATHALAV SCHEME ..		— 2,495		..		— 12,500		— 1,000
6. NON-SYSTEM WORKS—								
e. WORKS		1,09,409		1,90,400		2,18,400		3,000
7. IRRIGATION RESERVE STOCK—SUSPENSE								
Purchase of Special tools and plant for G.M.F. Schemes and Minor Irrigation Projects ..		-5,90,328		8,00,000		-2,10,000		2,00,000
Maintenance of Special Tools and Plant ..				13,700		12,000		12,000
CHARGES IN ENGLAND ..		..		..		8,000		..
Deduct—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		..		..		— 60,000		— 12,000
TOTAL—7 ..		-5,90,328		8,13,700		-2,50,000		2,00,000
8. WORKS UNDER THE SPECIAL MINOR IRRIGATION PROGRAMME (INCLUDING TANK IMPROVEMENT SCHEMES)—								
e. WORKS		11,50,248		81,50,100		63,62,100		1,14,00,000
f. ESTABLISHMENT—								
(i) SPECIAL CHIEF ENGINEER AND SUPERINTENDING ENGINEER (FOOD PRODUCTION)		2,23,369		..		8,43,700		9,80,000
(ii) SPECIAL STAFF EMPLOYED IN SPECIAL IRRIGATION DIVISION		13,892		..		26,600		..
Pay of Officers	1,300		..		3,800		..	
Pay of Establishment ..	4,270		..		10,000		..	
Allowances	8,322		..		9,000		..	
Contingencies	..		..		3,800		..	
Carried over ..		13,87,509		81,50,100		72,32,400		1,23,80,000

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68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953–54, Second 6 months.		Budget Estimate, 1954–55.		Revised Estimate, 1954–55.		Budget Estimate, 1955–56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*	RS	RS	RS	RS	RS	RS	RS	RS
SMALL IRRIGATION SCHEMES—*cont.*								
8. WORKS UNDER THE SPECIAL MINOR IRRIGATION PROGRAMME (INCLUDING TANK IMPROVEMENT SCHEMES)—*cont.*								
Brought forward ..		13,87,509		81,50,100		72,32,400		1,23,80,000
f. ESTABLISHMENT—*cont.*								
(iii) SPECIAL STAFF EMPLOYED IN CHINGLEPUT DIVISION.		..		..		4,900		..
Pay of Establishment ..	..		..		3,500		..	
Allowances	..		..		1,400		..	
(iv) SPECIAL STAFF EMPLOYED IN NORTH ARCOT DIVISION		..		..		7,000		..
Pay of Establishment ..	..		..		4,700		..	
Allowances	..		..		2,300		..	
(v) SPECIAL STAFF EMPLOYED IN WEST COAST DIVISION		..		..		19,000		..
Pay of Officers ..	..		..		2,600		..	
Pay of Establishment ..	..		..		7,000		..	
Allowances	..		..		8,100		..	
Contingencies	..		..		1,300		..	
(vi) SPECIAL STAFF EMPLOYED IN SOUTH KANARA DIVISION		470		..		19,500		..
Pay of Officers	..		..		2,600		..	
Pay of Establishment ..	135		..		8,200		..	
Allowances	335		..		8,000		..	
Contingencies	..		..		700		..	
(vii) SPECIAL STAFF EMPLOYED IN VENNAR DIVISION.		..		..		1,800		..
Pay of Establishment ..	..		..		1,100		..	
Allowances	..		..		700		..	
Carried over ..		13,87,979		81,50,100		72,84,600		1,23,80,000

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*	RS	RS	RS	RS	RS	RS	RS	RS
SMALL IRRIGATION SCHEMES—*cont.*								
8. WORKS UNDER THE SPECIAL MINOR IRRIGATION PROGRAMME (INCLUDING TANK IMPROVEMENT SCHEMES)—*cont.*								
Brought forward ..		13,87,979		81,50,100		72,84,600		1,23,80,000
f. ESTABLISHMENT—*cont.*								
(viii) SPECIAL STAFF EMPLOYED IN CAUVERY DIVISION		..		..		18,300		..
Pay of Officers	..		..		2,600		..	
Pay of Establishment ..	..		..		7,400		..	
Allowances	..		..		7,400		..	
Contingencies	..		..		900		..	
(ix) SPECIAL STAFF EMPLOYED IN GRAND ANICUT CANAL DIVISION		..		..		43,000		..
Pay of Officers	..		..		4,300		..	
Pay of Establishment ..	..		..		19,300		..	
Allowances	..		..		15,500		..	
Contingencies	..		..		3,900		..	
(x) SPECIAL STAFF EMPLOYED IN RIVER CONSERVANCY DIVISION		..		..		7,700		..
Pay of Establishment ..	..		..		4,200		..	
Allowances	..		..		3,500		..	
(xi) SPECIAL STAFF EMPLOYED IN TIRUCHIRAPPALLI DIVISION		..		..		2,000		..
Pay of Establishment ..	..		..		1,300		..	
Allowances	..		..		700		..	
Carried over ..		13,87,979		81,50,100		73,55,600		1,23,80,000

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953–54. Second 6 months.		Budget Estimate, 1954–55.		Revised Estimate, 1954–55.		Budget Estimate, 1955–56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*	RS	RS	RS	RS	RS	RS	RS	RS
SMALL IRRIGATION SCHEMES—*cont.*								
8. WORKS UNDER THE SPECIAL MINOR IRRIGATION PROGRAMME (INCLUDING TANK IMPROVEMENT SCHEMES)—*cont.*								
Brought forward ..		13,87,979		81,50,100		73,55,600		
f. ESTABLISHMENT—*cont.*								1,23,80,000
(xii) SPECIAL STAFF EMPLOYED IN SOUTH ARCOT DISTRICT		11,746		28,500		35,800		..
Pay of Officers ..	1,900		3,000		5,100		..	
Pay of Establishment ...	5,064		12,900		16,200		..	
Allowances	4,176		10,300		12,500		..	
Contingencies	606		2,300		2,000		..	
(xiii) SPECIAL STAFF EMPLOYED IN TIRUNELVELI DIVISION		2,920		1,300		8,600		..
Pay of establishment ..	1,792		800		5,600		..	
Allowances	1,128		500		3,000		..	
PENSION CHARGES ..		..		2,000		10,000		..
g. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT—FOOD PRODUCTION		—5,421		..		..		..
h. TOOLS AND PLANT ..		70,678		..		1,35,900		1,20,000
TOTAL—8. WORKS UNDER THE SPECIAL MINOR IRRIGATION PROGRAMME (INCLUDING TANK IMPROVEMENT SCHEMES)		14,67,902		81,81,900		75,45,900		1,25,00,000
TOTAL—68. IRRIGATION WORKS—UNPRODUCTIVE—SMALL IRRIGATION SCHEMES.		9,97,181		92,21,900		76,05,400		1,27,11,600
TOTAL—68. SMALL IRRIGATION SCHEMES		10,49,461		94,17,600		77,35,700		1,27,25,400

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953–54, Second 6 months.		Budget Estimate, 1954–55.		Revised Estimate, 1954–55.		Budget Estimate, 1955–56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
IRRIGATION PROJECTS—								
1. ARANIAR PROJECT—								
e. WORKS		3,47,969		30,00,000		13,42,200		48,04,000
f. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENTS.		40,950		1,12,200		76,700		1,19,100
Pay of Officers ..	6,378		15,500		13,500		20,000	
Pay of Establishment ..	18,367		50,700		30,000		53,000	
Allowances	14,703		31,900		22,500		32,900	
Direction Charges ..	..		8,300		7,200		7,200	
Contingencies	1,502		5,800		3,500		6,000	
B. PENSION CHARGES ..		..		8,300		4,000		6,600
g. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		— 205		— 500		— 500		— 1,000
h. TOOLS AND PLANT (ORDINARY)		11,721		6,000		6,000		5,500
j. SUSPENSE		16,852		10,000		48,300		20,000
TOTAL—1. ARANIAR PROJECT.		4,17,287		31,36,000		14,76,700		49,54,200
2. METTUR CANALS SCHEME—								
e. WORKS		18,98,928		79,83,500		46,12,100		28,99,500
I. HEADWORKS	..		..		..		..	
II. MAIN CANALS AND BRANCHES—								
(i) WEST BANK CANAL—								
A. Preliminaries ..	18		500		2,000		..	
B. Land	34		1,000		100		..	
D. Regulators	5,429		..		1,700		4,50,000	
E. Falls and Weirs ..	65,587		2,50,000		45,400		..	
F. Cross Drainage Works	1,22,372		60,000		61,000		..	
G. Bridges	12,975		10,000		3,000		50,000	
K. Buildings	3,240		..		2,500		..	
L. Earthwork	40,032		1,00,000		16,300		50,000	
M. Plantations	950		2,000		900		500	
O. Miscellaneous ..	5,331		50,000		7,000		83,000	
P. Maintenance ..	2,310		6,000		7,000		7,000	
TOTAL—II. (i) WEST BANK CANAL	2,58,278		4,79,500		1,46,900		6,40,500	
Carried over ..		18,98,928		79,83,500		46,12,100		28,99,500

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953–54. Second 6 months.		Budget Estimate, 1954–55.		Revised Estimate, 1954–55.		Budget Estimate, 1955–56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION PROJECTS—*cont.*								
2. METTUR CANALS SCHEME—*cont.*								
Brought forward ..		18,98,928		79,83,500		46,12,100		28,99,500
e. WORKS—*cont.*								
II. MAIN CANALS AND BRANCHES—*cont.*								
(ii) EAST BANK CANAL—								
A. Preliminaries ..	902		5,000		1,600		..	
B. Land	86,792		4,00,000		96,200		..	
D. Regulators ..	..		20,000		95,000		..	
F. Cross Drainage Works	6,84,682		35,00,000		24,95,100		11,00,000	
G. Bridges	..		50,000		79,500		1,50,000	
K. Buildings	35,624		20,000		54,000		..	
L. Earthwork	5,84,454		28,00,000		12,39,000		3,00,000	
M. Plantations	..		5,000		3,800		3,000	
O. Miscellaneous ..	1,040		2,000		21,100		1,00,000	
P. Maintenance.. ..	— 36		2,000		400		400	
TOTAL—II. (ii) EAST BANK CANAL	13,93,458		68,04,000		40,85,700		16,53,400	
III. DISTRIBUTARIES ..	1,24,731		5,00,000		2,99,500		6,00,600	
IV. SPECIAL TOOLS AND PLANT	1,22,461		2,00,000		60,000		5,000	
V. WATER COURSES ..	..		..		20,000		..	
TOTAL—e. WORKS ..		18,98,928		79,83,500		46,12,100		28,99,500
f. ESTABLISHMENTS—								
A. SPECIAL ESTABLISHMENTS		78,064		1,90,500		2,08,800		2,13,300
Pay of Officers	15,044		33,600		45,000		45,000	
Pay of Establishment ..	36,692		93,000		97,500		1,00,000	
Dearness and Other Allowances	21,040		49,400		53,300		55,300	
Direction Charges ..	..		5,300		3,000		3,000	
Contingencies	5,288		9,200		10,000		10,000	
B. PENSION CHARGES ..		..		15,800		13,000		13,200
TOTAL—f. ESTABLISHMENTS ..		78,064		2,06,300		2,21,800		2,26,500
g. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		— 11,444		— 5,000		— 6,000		— 3,000
h. TOOLS AND PLANT ..		1,076		5,500		2,200		500
New supplies	1,033		5,000		2,000		..	
Repairs and Carriage ..	43		500		200		500	
TOTAL—h. TOOLS AND PLANT.		1,076		5,500		2,200		500

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
IRRIGATION PROJECTS—*cont.*								
2. METTUR CANALS SCHEME—*cont.*								
j. SUSPENSE		— 89,376		..		..		-1,36,700
Purchase	13,124		..		..		70,200	
Stock	-1,04,484		..		..		-2,03,400	
Miscellaneous advances ..	1,984		..		..		— 3,500	
TOTAL—j. SUSPENSE ..		— 89,376		..		..		-1,36,700
TOTAL—2. METTUR CANALS SCHEME		18,77,248		81,90,300		48,30,100		29,86,800
3. MALAMPUZHA PROJECT—								
e. WORKS		42,57,377		70,19,500		64,68,300		25,97,000
I. HEADWORKS—								
A. Preliminaries ..	2,379		500		4,200		500	
B. Land..	17,65,321		18,00,000		20,00,100		5,000	
C. Works Dam	10,13,009		16,71,500		9,35,900		2,25,000	
K. Buildings	12,457		20,000		22,500		20,000	
M. Plantations	274		1,000		2,600		500	
O. Miscellaneous ..	35,827		64,000		57,000		40,000	
P. Maintenance ..	..		..		1,200		4,000	
TOTAL—I. HEADWORKS ..	28,29,267		35,57,000		30,23,500		2,95,000	
II. MAIN CANALS AND BRANCHES—								
A. Preliminaries ..	1,045		500		500		500	
B. Land	25,138		1,25,000		11,000		..	
D. Regulators	12,859		2,000		13,100		..	
E. Falls and Weirs ..	..		..		6,700		..	
F. Cross Drainages ..	1,31,005		2,60,000		2,38,000		1,00,000	
G. Bridges	52,628		40,000		74,000		20,000	
H. Escapes	7,459		..		36,500		..	
K. Buildings	— 900		..		1,300		..	
L. Earthwork	3,04,982		97,000		2,36,700		10,000	
M. Plantations	..		..		..		1,000	
O. Miscellaneous ..	4,839		60,500		31,000		35,000	
P. Maintenance ..	3,311		40,000		4,900		10,000	
TOTAL—II. MAIN CANALS AND BRANCHES	5,42,366		6,25,000		6,53,700		1,76,500	
III. DISTRIBUTARIES ..	11,15,125		23,67,000		26,20,600		16,00,000	
IV. SPECIAL TOOLS AND PLANT	-2,85,743		60,000		-1,80,000		-1,75,000	
V. WATER COURSES ..	56,321		4,10,000		3,50,000		7,00,000	
VI. LOSS ON STOCK ..	41		500		500		500	
TOTAL—e. WORKS ..		42,57,377		70,19,500		64,68,300		25,97,000

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
IRRIGATION PROJECTS—*cont.*								
3. MALAMPUZHA PROJECT—*cont.*								
f. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENT		1,86,843		4,41,200		4,19,300		2,89,200
Pay of Officers	27,119		61,800		61,400		38,800	
Pay of Establishment ..	90,976		2,04,600		1,97,500		1,41,900	
Dearness and Other Compensatory Allowances	55,239		1,20,600		1,14,600		80,900	
Direction Charges ..	..		16,700		7,600		7,600	
Contingencies	13,509		37,500		38,200		20,000	
B. PENSION CHARGES ..		..		33,300		23,500		16,400
TOTAL—f. ESTABLISHMENT ..		1,86,843		4,74,500		4,42,800		3,05,600
g. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		—17,200		—50,000		—43,000		—15,000
h. TOOLS AND PLANT ..		—2,167		5,500		4,200		2,200
New Supplies	—2,894		4,000		3,000		1,500	
Repairs and Carriage ..	727		1,500		1,200		700	
TOTAL—h. TOOLS AND PLANT.		—2,167		5,500		4,200		2,200

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953–54. Second 6 months.		Budget Estimate, 1954–55.		Revised Estimate, 1954–55.		Budget Estimate. 1955–56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
IRRIGATION PROJECTS—*cont.*								
3. MALAMPUZHA PROJECT—*cont.*								
j. SUSPENSE		-2,10,303		2,55,000		200		-4,67,900
Purchases	75,300		7,35,600		68,800		71,800	
Stock	-1,60,973		-5,12,500		—62,900		-5,34,400	
Miscellaneous Advances ..	-1,21,501		44,900		—5,700		—5,200	
Workshop Suspense ..	— 3,129		—13,000		..		— 100	
TOTAL—j. SUSPENSE ..		-2,10,303		2,55,000		200		-4,67,900
TOTAL—3. MALAMPUZHA PROJECT		42,14,550		77,04,500		68,72,500		24,21,900
4. MANIMUTHAR PROJECT—								
e. WORKS—		58,61,474		1,48,96,000		1,03,98,100		1,21,43,000
I. HEADWORKS—								
A. Preliminary Expenses.	29		..		500		..	
B. Land	1,34,771		84,000		1,61,600		1,00,000	
C. Works	70,94,816		1,00,00,000		80,42,000		80,00,000	
K. Buildings	2,04,392		1,00,000		1,65,000		18,000	
M. Plantations	31		2,000		2,000		2,000	
O. Miscellaneous	1,45,306		1,50,000		2,80,000		2,65,000	
P. Maintenance	— 93		..		..		..	
TOTAL—I. HEADWORKS ..	75,79,252		1,03,36,000		86,51,100		83,85,000	
Carried over ..		58,61,474		1,48,96,000		1,03,98,100		1,21,43,000

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
IRRIGATION PROJECTS—*cont.*								
4. MANIMUTHAR PROJECT—*cont.*								
e. WORKS—*cont.*								
Brought forward ..		58,61,474		1,48,96,000		1,03,98,100		1,21,43,000
II. MAIN CANALS AND BRANCHES—								
A. Preliminary Expenses.	12,512		5,000		5,000		1,500	
B. Land	5,402		1,16,000		1,16,000		25,000	
C. Works	..		23,200		7,000		12,000	
D. Regulators	..		26,200		26,000		19,000	
E. Falls and Weirs ..	..		4,200		...		..	
F. Cross drainage works ..	16,577		6,48,500		4,47,000		8,91,500	
G. Bridges	4,286		95,000		76,000		82,000	
K. Buildings	11,332		47,000		39,000		72,000	
L. Earthwork	2,40,979		10,31,900		10,32,000		18,00,000	
M. Plantations	..		1,000		2,000		3,000	
O. Miscellaneous	...		1,000		500		20,000	
P. Maintenance	..		1,000		500		17,000	
TOTAL—II. MAIN CANALS AND BRANCHES	2,91,088		20,00,000		17,51,000		29,43,000	
III. DISTRIBUTARIES ..	..		..		86,000		5,15,000	
IV. SPECIAL TOOLS AND PLANT	−20,08,866		25,60,000		−90,000		3,00,000	
TOTAL—e. WORKS ..		58,61,474		1,48,96,000		1,03,98,100		1,21,43,000
f. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENT		1,66,130		6,08,600		5,60,400		6,14,200
Pay of Officers ..	33,310		1,08,100		1,02,800		1,08,400	
Pay of Establishments ..	74,057		2,84,100		2,52,900		2,79,600	
Dearness and Other allowances	57,424		1,85,400		1,77,400		1,93,600	
Direction charges ..	..		15,000		6,000		6,000	
Contingencies ..	1,339		16,000		21,300		26,600	
B. PENSION CHARGES ..		6,742		49,000		32,300		35,300
TOTAL—f. ..		1,72,872		6,57,600		5,92,700		6,49,500
g. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		−14,328		−36,000		−36,000		−36,000
h. TOOLS AND PLANT ..		43,452		1,16,000		78,000		79,000
(i) New Supplies ..	43,452		1,15,000		77,000		77,000	
(ii) Repairs and Carriage.			1,000		1,000		2,000	
TOTAL—h. ..		43,452		1,16,000		78,000		79,000
j. SUSPENSE		9,38,345		2,00,000		1,74,000		−3,01,000
TOTAL—4. MANIMUTHAR PROJECT		70,01,815		1,58,33,600		1,12,06,800		1,25,34,500

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953–54. Second 6 months.		Budget Estimate, 1954–55.		Revised Estimate, 1954–55.		Budget Estimate, 1955–56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION PROJECTS—*cont.*								
5. WALAYAR PROJECT—								
e. WORKS		19,86,523		48,94,000		45,46,500		38,41,100
f. ESTABLISHMENT		41,996		1,98,800		1,68,000		2,33,800
Pay of Officers	5,426		29,300		17,000		22,000	
Pay of Establishment ..	20,778		89,000		70,000		1,18,400	
Allowances	12,860		42,500		67,000		72,000	
Direction Charges ..	..		13,000		2,600		2,600	
Contingencies	2,932		10,200		3,500		6,000	
Pension charges ..	..		14,800		7,900		12,800	
g. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		— 440		— 10,000		— 10,000		— 10,000
h. TOOLS AND PLANT (ORDINARY)		5,727		15,000		19,000		500
j. SUSPENSE		22,669		1,01,000		1,01,000		–1,19,000
(i) Purchases	4,025		–1,00,000		..		..	
(ii) Stock	..		2,00,000		..		..	
(iii) Miscellaneous Public Works Advances ..	18,644		1,000		..		..	
TOTAL—5. WALAYAR PROJECT		20,56,475		51,98,800		48,24,500		39,46,400
6. MANGALAM PROJECT—								
e. WORKS		6,61,096		20,00,000		19,92,000		33,97,000
f. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENT		44,663		1,00,900		1,09,500		1,09,500
Pay of Officers ..	7,358		15,700		19,200		20,000	
Pay of Establishment ..	18,836		44,300		47,500		48,000	
Allowances	14,417		34,300		32,000		30,500	
Contingencies ..	4,052		6,600		8,800		9,000	
Direction charges ..	..		..		2,000		2,000	
B. PENSION CHARGES ..		..		7,500		6,100		6,200
g. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		— 676		— 3,000		— 3,000		— 3,000
h. TOOLS AND PLANT (ORDINARY)		16,708		3,000		10,000		5,000
j. SUSPENSE		43,200		70,000		36,700		10,000
(i) Purchases	43,200		20,000		10,000		10,000	
(ii) Stock			50,000		30,100		..	
(iii) Miscellaneous Public Works Advances ..			..		— 3,400		..	
TOTAL—6. MANGALAM PROJECT		7,64,991		21,78,400		21,51,300		35,24,700

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953–54. Second 6 months.		Budget Estimate, 1954–55.		Revised Estimate, 1954–55.		Budget Estimate, 1955–56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
IRRIGATION PROJECTS—*cont.*								
7. LOWER BHAVANI PROJECT—								
e. WORKS		8,02,867		16,50,200		15,64,800		6,76,600
I. HEADWORKS—								
A. Preliminary Expenses ..	492		..		..		..	
B. (i) Land	11,470 (B. (i) and (ii))		2,800		3,200		..	
(ii) Rehabilitation ..			..		14,000		..	
C. Works	15,95,864		3,00,000		5,48,300		5,50,000	
K. Buildings ..	—38,571		..		—86,500		—75,000	
O. Miscellaneous	70,640		..		—1,400		..	
TOTAL—I. HEADWORKS ..	16,39,895		3,02,800		4,77,600		4,75,000	
II. MAIN CANALS AND BRANCHES—								
A. Preliminary Expenses ..	526		..		..		..	
B. Land	36,361		1,00,000		50,000		..	
C. Works	..		..		..		..	
D. Regulators	6,983		7,000		2,600		3,000	
F. Cross Drainage Works ..	2,40,068		2,80,000		51,400		..	
G. Bridges	5,577		..		12,900		..	
K. Buildings	—85		..		500		..	
L. Earthwork	10,13,911		7,85,000		5,58,200		..	
M. Plantations	—36		5,000		—800		..	
O. Miscellaneous	30,399		11,500		27,600		..	
P. Maintenance	10,655		20,000		3,900		..	
Suspense	—16,972		..		..		..	
TOTAL—II. MAIN CANALS AND BRANCHES	13,27,387		12,08,500		7,06,300		3,000	
Carried over ..		8,02,867		16,50,200		15,64,800		6,76,600

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
IRRIGATION PROJECTS—*cont.*								
7. LOWER BHAVANI PROJECT —*cont.*								
e. WORKS—*cont.*								
Brought forward ..		8,02,867		16,50,200		15,64,800		6,76,600
III. DISTRIBUTARIES—								
A. Preliminary Expenses ..	3,713		6,000		4,100		1,000	
B. Land	3,40,518		8,50,000		8,50,000		2,00,000	
C. Works	5,22,275		22,95,000		11,00,000		5,23,000	
K. Buildings	1,116		..		300		..	
L. Earthwork	2,79,150		15,00,000		7,50,000		2,62,000	
M. Plantations	3,580		8,300		4,000		..	
O. Miscellaneous	1,557		6,200		500		..	
P. Maintenance	—2,559		25,000		..		..	
Suspense	—97,283		—3,85,700		—60,000		—76,000	
TOTAL—III. DISTRIBUTARIES.	10,52,067		43,04,800		26,48,900		9,10,000	
IV. DRAINAGE AND PROTECTIVE WORKS	..		..		5,500		5,000	
V. WATER COURSES ..	..		..		2,47,500		1 83,500	
VI. SPECIAL TOOLS AND PLANT—								
(i) Special Tools and Plant ..	} —32,16,482		—10,000		4,50,700		1,00,000	
(ii) Receipts by sale of Special Tools and Plant ..			—41,56,000		—29,71,800		—10,00,000	
TOTAL—VI. SPECIAL TOOLS AND PLANT	—32,16,482		—41,66,000		—25,21,100		—9,00,000	
VII. LOSS ON STOCK ..	..		100		100		100	
TOTAL—e. WORKS ..		8,02,867		16,50,200		15,64,800		6,76,600

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68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
IRRIGATION PROJECTS—*cont.*								
7. LOWER BHAVANI PROJECT—*cont.*								
f. ESTABLISHMENTS—								
A. SPECIAL ESTABLISHMENTS		2,92,327		1,63,100		5,83,100		1,96,600
Pay of Officers	39,172		20,400		78,500		24,500	
Pay of Establishment ..	1,40,031		71,600		2,60,600		1,03,000	
Dearness and Other Allowances	1,07,292		52,900		1,94,700		63,500	
Direction Charges	..		— 3,200		23,600		..	
Contingencies	5,832		21,400		25,700		5,600	
B. PENSION CHARGES ..		..		11,500		30,800		11,600
TOTAL—f. ..		2,92,327		1,74,600		6,13,900		2,08,200
g. *DEDUCT*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT ..		-1,47,722		-1,57,000		-1,52,000		— 82,000
h. TOOLS AND PLANT ..		— 3,949		— 40,000		2,400		5,000
New Supplies	— 4,469		— 40,600		1,400		4,500	
Repairs and Carriage ..	520		600		1,000		500	
TOTAL—h. ..		— 3,949		— 40,000		2,400		5,000
j. SUSPENSE—								
LONDON STORES		71,247		..		1,20,000		..
Deduct—CREDIT BY TRANSFER TO WORKS OR STOCK.		..		..		..		..
OTHER SUSPENSE ACCOUNT ..		-6,10,512		— 7,67,000		—10,40,500		-1,43,300
TOTAL—j. ..		-5,39,265		— 7,67,000		-9,20,500		-1,43,300
TOTAL—7. LOWER BHAVANI PROJECT		4,04,258		8,60,800		11,08,600		6,64,500

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
IRRIGATION PROJECTS—*cont.*								
8. AMARAVATHI PROJECT—								
e. WORKS		4,06,204		45,00,000		40,18,000		94,00,000
f. ESTABLISHMENT		3,303		1,34,800		2,05,300		3,72,700
Pay of Officers	..		11,600		30,100		48,500	
Pay of Establishment ..	749		44,400		85,600		1,62,300	
Allowances	1,580		48,000		69,800		1,22,800	
Direction charges ..			19,800		..		..	
Contingencies	974		4,000		9,300		20,000	
Pension charges ..	..		7,000		10,500		19,100	
h. TOOLS AND PLANT—ORDINARY		4,719		..		82,000		78,000
j. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		..		..		— 5,000		- 10,000
TOTAL—8. AMARAVATHI PROJECT		4,14,226		46,34,800		43,00,300		98,40,700
9. VAIGAI RESERVOIR PROJECT.								
e. WORKS		58,583		35,00,000		35,18,500		63,06,000
f. ESTABLISHMENT		..		1,60,200		92,100		2,52,400
Pay of Officers	..		19,900		17,500		42,100	
Pay of Establishment ..	..		64,100		38,500		1,22,800	
Allowances	..		61,700		22,700		61,500	
Contingencies	..		4,000		8,300		11,000	
PENSION CHARGES ..	..		10,500		5,100		15,000	
g. *Deduct*—RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT		..		..		— 500		— 2,000
h. TOOLS AND PLANT—ORDINARY		223		..		80,000		15,000
j. SUSPENSE		..		..		—98,000		2,68,000
TOTAL—9. VAIGAI RESERVOIR PROJECT		58,806		36,60,200		35,92,100		68,39,400

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1953-54. Second 6 months.		Budget Estimate, 1954-55.		Revised Estimate, 1954-55.		Budget Estimate, 1955-56.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS	RS	RS	RS	RS	RS	RS	RS
IRRIGATION WORKS—UNPRODUCTIVE—*cont.*								
IRRIGATION PROJECTS—*cont.*								
10. SATHANUR PROJECT—								
e. WORKS		..		100		11,40,000		1,00,00,000
f. ESTABLISHMENT		..		..		29,900		59,800
j. SUSPENSE		..		..		15,000		90,000
TOTAL—10. SATHANUR PROJECT		..		100		11,84,900		1,01,49,800
11. KRISHNAGIRI PROJECT ..		..		..		2,00,000		40,00,000
PENSION CHARGES		..		1,300		2,200		100
TOTAL—68. IRRIGATION WORKS—UNPRODUCTIVE—IRRIGATION PROJECTS		1,72,09,656		5,13,98,800		4,17,50,000		6,18,63,000
TOTAL—68. IRRIGATION WORKS		1,82,59,117		6,08,16,400		4,94,85,700		7,45,88,400
Add—RECOVERIES ..		74,63,338		62,73,800		53,02,900		28,45,900
TOTAL—GROSS DEMAND XXXV—CAPITAL OUTLAY ON IRRIGATION—VOTED	2,57,22,455		6,70,90,200		5,47,88,600		7,74,34,300	
AMOUNT INCLUDED UNDER DEMAND XXXV—CAPITAL OUTLAY ON IRRIGATION ..		1,82,59,117		6,08,16,400		4,94,85,700		7,45,88,400
Pro rata CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENTS, ETC.—								
(*a*) ESTABLISHMENT—								
PRODUCTIVE ..		13,846		12,300		14,600		1,800
UNPRODUCTIVE ..		76,782		15,000		34,900		1,100
(*b*) TOOLS AND PLANT—								
PRODUCTIVE ..		512		900		1,700		100
UNPRODUCTIVE ..		3,455		1,100		4,200		100
TOTAL—MAJOR HEAD 68.	1,84,45,039*		6,08,45,700		4,95,41,100		7,45,91,500	

* Includes Rs 91,327 on account of supervision charges.

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

— (1)	Amount of estimate. (2)	Accounts to end of 1953–54. (3)	Budget Estimate, 1954–55. (4)	Revised Estimate, 1954–55. (5)	Budget Estimate, 1955–56. (6)
	RS	RS	RS	RS	RS
IRRIGATION WORKS.					
PRODUCTIVE.					
SMALL IRRIGATION SCHEMES.					
a. WORKS.					
A. CAUVERY DELTA SYSTEM.					
MAJOR WORKS—					
1. *River Conservancy Division.*—Construction of a bed regulator across the Cauvery at Jeddarpalayam—G.O. No. 94, P.W., dated 13th January 1947.	R.E. 7,83,420	7,87,729	—15,000	—2,400	..
2. *Cauvery Division.*—Improvement to Beeman channel—G.O. No. 21, Food and Agriculture, dated 26th May 1950.	70,600	38,882	30,000	..	30,000
3. *Grand Anicut Canal Division.*—Improvements to Bheeman odai—G.O. No. 218, Food and Agriculture (Food Production), dated 17th November 1950.	39,400	27,726	..	5,500	1,800
4. *Vennar Division.*—Providing irrigation facilities to Kudithangicheri, etc., villages—G.O. Ms. No. 1924, P.W., dated 17th May 1950.	1,00,000	1,05,376	..	—3,300	..
5. *Vennar Division.*—Providing irrigation facilities to Segal and Deepambalpatnam Villages Pumping Scheme—G.O. Ms. No. 243, Food and Agriculture (Food Production), dated 20th June 1951.	27,000	42,383	..	—700	..
6. *Vennar Division.*—Remodelling Umbalacheri South Rajan channel of Adappar—C.R. No. 3/47–48.	36,000	35,033	..	—200	..
7. *Vennar Division.*—Extension of irrigation under the tail-end of Mulliar by gravitation, I stage—G.O. No. 4856, P.W., dated 11th December 1948.	70,000	58,580	..	—900	..
8. *Vennar Division.*—Extension of irrigation under tail-end of Mulliar by pumping—G.O. No. 1679, P.W., dated 29th April 1950.	2,10,000	2,42,202	..	—7,700	..
9. Minor works	..	..	..	..	..
TOTAL—a. A. CAUVERY DELTA SYSTEM ..			15,000	—9,700	31,800
B. CAUVERY-METTUR PROJECT.					
HEAD WORKS—					
1. *Salem Division.*—Special Tools and Plant—Maintenance and Repairs.	..	2,721	1,200	2,000	..
2. *Deduct*—Receipts by sale of Special Tools and Plant ..	..	9,970	—5,000	—20,000	—5,000
TOTAL—HEAD WORKS ..			—3,800	—18,000	—5,000
CANALS—					
1. *Grand Anicut Canal Division.*—Extension of irrigation beyond Narasinga Cauvery to an extent of 2,500 acres—G.O. No. 2100, P.W., dated 6th August 1945.	19,30,000 / 28,30,300	13,41 406	..	200	500
2. Extension of Olavayal channel—G.O. No. 1922, P.W., dated 17th May 1950.	8,00,500	5,05,099	..	26,600	1,000
3. Providing irrigation facilities to Pudukkottai enclaves surrounded by Alivalam channel—Chief Engineer's (Irrigation) No. 3234/50-B-2, dated 13th March 1951—D.R. No. 116/51-52.	18,000 / 23,419	6,639	..	5,600	..
4. Excavating a separate drain from the deep bed of Araseri Tank—Chief Engineer's (Irrigation) No. 5633/50-B-7, dated 17th November 1951—D.R. No. 249/51-52.	21,500 / 27,973	16,818	..	1,500	..
5. Forming a rear channel from R.D. No. 3/4250 L.R. of Mannargudi main channel—Chief Engineer's (Irrigation) No. 2036/51-B, dated 7th July 1951—R.E. in D.R. No. 138/52-53.	9,000 / 14,821	12,672	..	..	..
6. Minor works			..	..	..
TOTAL—CANALS ..			..	33,900	1,500
TOTAL—a. B. CAUVERY-METTUR PROJECT ..			—3,800	15,900	—3,500

R.E. = Revised Estimate.

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

— (1)	Amount of estimate. (2)	Accounts to end of 1953-54. (3)	Budget Estimate, 1954-55. (4)	Revised Estimate, 1954-55. (5)	Budget Estimate, 1955-56. (6)
	RS	RS	RS	RS	RS
IRRIGATION WORKS—*cont.*					
PRODUCTIVE—*cont.*					
SMALL IRRIGATION SCHEMES—*cont.*					
a. WORKS—*cont.*					
C. KATTALAI PROJECT SYSTEM.					
MAJOR WORKS—					
RIVER CONSERVANCY DIVISION—SUPPLEMENTING SUPPLY TO SAYAKKUDI AND FOUR OTHER RAIN-FED TANKS IN TANJORE TALUK FROM THE UYYACONDAN EXTENSION CHANNEL—G.O. Ms. No. 413, Food and Agriculture (Food Production), dated 12th September 1951.	37,000	59,117	3,000	3,000	..
TOTAL—a. C. KATTALAI PROJECT SYSTEM ..			3,000	3,000	..
D. LOWER COLEROON ANICUT SYSTEM.					
MAJOR WORKS—					
1. *South Arcot Division.*—Provision of irrigation facilities to Allur and Budangudi villages—G.O. No. 1659, P.W., dated 28th April 1950.	56,800 74,942	27,250	50,000	46,800	..
2. Provision of irrigation facilities to a block of land in Ponnanthittu village—G.O. No. 1923, P.W., dated 17th May 1950.	50,000 46,000	35,787	13,000	6,600	6,400
3. CONSTRUCTING A SLUICE AT 1-2-50 OF VEERANAM TANK BUND FOR IRRIGATION FACILITIES TO VEYYALUR TANKS—C.E.I.'s No. 1023/49-B-3, dated 6th March 1950.	14,400	26,935	..	..	..
4. PROVISION OF IRRIGATION AND DRAINAGE FACILITIES TO LANDS IN KALLADIKUTTAI, KATTAGARAM AND VEERANDAPURAM VILLAGES OF UDAYARPALAYAM AND CHIDAMBARAM TALUKS—G.O. Ms. No. 320, Food and Agriculture (F.P.), dated 27th July 1951.	1,35,000 1,77,677	25,724	1,00,000	1,19,900	5,000
TOTAL—a. D. LOWER COLEROON ANICUT SYSTEM ..			1,63,000	1,73,300	11,400
E. THADAPALLI CHANNEL SYSTEM.					
MAJOR WORKS—					
Coimbatore Division.—EXCAVATING A NEW BRANCH CHANNEL, MEVANI DISTRIBUTARIES FROM M. 8, F. 3½, KUGALUR BRANCH CHANNEL—G.O. No. 718, P.W., dated 14th March 1947.	60,500	49,823	..	2,000	..
TOTAL—a. E. THADAPALLI CHANNEL SYSTEM ..			..	2,000	..
F. TIRUKKOYILUR ANICUT SYSTEM.					
MAJOR WORKS—					
South Arcot Division—					
1. PROVIDING 2′ FALLING SHUTTERS AT EITHER END OF TIRUKKOYILUR ANICUT—G.O. No. 3464, P.W., dated 16th September 1949.	67,000	36,362	..	..	..
2. EXCAVATING A SUPPLY CHANNEL TO T. MALAVARAYANALLUR—Chief Engineer's (Irrigation) No. 1657/39-BEP., dated 9th September 1942.	87,172 11,000	5,962	..	..	..
TOTAL—a. F. TIRUKKOYILUR ANICUT SYSTEM ..			..	..	..

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

— (1)	Amount of estimate. (2)	Accounts to end of 1953–54. (3)	Budget Estimate, 1954–55. (4)	Revised Estimate, 1954–55. (5)	Budget Estimate, 1955–56. (6)
	RS	RS	RS	RS	RS
IRRIGATION WORKS—*cont.*					
PRODUCTIVE—*cont.*					
SMALL IRRIGATION SCHEMES—*cont.*					
a. WORKS—*cont.*					
G. SHATIATOPE ANICUT SYSTEM.					
MAJOR WORKS—					
South Arcot Division—					
1. PROVIDING IRRIGATION FACILITIES TO A BLOCK OF LANDS IN C. MUTHUR VILLAGE (EXTENSION OF BHUVANAGIRI VOIKAL)—CHIEF ENGINEER'S (IRRIGATION) NO. 3600/49-B-19, DATED 17TH APRIL 1951.	19,000	14,217	1,000	8,800	..
2. CONSTRUCTING A SLUICE IN PERUMAL TANK BUND FOR PROVIDING IRRIGATION FACILITIES TO LANDS IN ANDARMULLIPALLAM VILLAGE—G.O. No. 210, FOOD AND AGRICULTURE (FOOD PRODUCTION), DATED 15TH NOVEMBER 1950, AND G.O. No. 366, FOOD AND AGRICULTURE (FOOD PRODUCTION), DATED 31ST SEPTEMBER 1953.	57,000 74,161	22,234	..	21,000	..
TOTAL—a. G. SHATIATOPE ANICUT SYSTEM ..			1,000	29,800	..
H. ARAKANKOTTAI CHANNEL SYSTEM.					
MAJOR WORKS—					
Coimbatore Division.—EXTENSION OF ARAKANKOTTAH CHANNEL—G.O. No. 247, Food and Agriculture (Food Production), dated 21st June 1951.	6,25,700 8,05,880	5,09,691	..	6,500	4,000
J. VRIDDHACHALAM ANICUT SYSTEM.					
South Arcot Division.—CONSTRUCTION OF A DAM ACROSS KALUDUR ODAI—G.O. Ms. No. 267, Food and Agriculture (Food Production), dated 3rd July 1951.	97,000 1,27,500	79,565	20,000	25,000	..
TOTAL—68. IRRIGATION WORKS—PRODUCTIVE—a. WORKS			1,98,200	2,45,800	43,700
UNPRODUCTIVE.					
SMALL IRRIGATION SCHEMES.					
WORKS.					
1. GAYATRIPUZHA SCHEME.					
West Coast Division.—Construction of an anicut across Gayatripuzha near Cherramangalam—G.O. No. 4055, P.W., dated 25th November 1948.	9,40,000 7,10,000	5,88,791	..	46,500	1,000
2. PONNIAR SCHEME.					
South Arcot Division.—Construction of an anicut across Ponniar near Ellis Choultry—G.O. No. 4838, P.W., dated 10th December 1949.	11,40,000 12,71,000	11,68,893	30,000	53,500	..
3. PALAR ANICUT SYSTEM.					
North Arcot Division.—Opening of sand vents and providing falling shutters over Palar Anicut—G.O. No. 23, Food and Agriculture (Food Production), dated 26th June 1950.		79,009	..	..	..

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

(1)	Amount of estimate. (2)	Accounts to end of 1953–54. (3)	Budget Estimate, 1954–55. (4)	Revised Estimate, 1954–55. (5)	Budget Estimate, 1955–56. (6)
	RS	RS	RS	RS	RS
IRRIGATION WORKS—*cont.*					
UNPRODUCTIVE—*cont.*					
SMALL IRRIGATION SCHEMES—*cont.*					
WORKS—*cont.*					
4. UDUTHORAHALLA SCHEME.					
Salem Division.—Uduthorahalla Scheme—G.Os. Ms. No. 1235, P.W., dated 1st July 1943, and Ms. No. 2335, P.W., dated 2nd November 1943.	1,61,500	1,36,914	5,900	500	5,400
5. BADATHALAV SCHEME.					
Salem Division.—Construction of an anicut across Markandanathi and excavation of a channel therefrom to feed Badathalav and two other tanks—G.O. No. 4584, P.W., dated 11th December 1948.	11,40,000	9,90,183	..	— 12,500	— 1,000
6. NON-SYSTEM WORKS.					
1. *Chingleput Division.*—Construction of a kalingulah across Chavali stream in Kalathur village—G.O. No. 54, Food and Agriculture (Food Production), dated 14th July 1950.	62,000 68,000	51,957	..	1,000	..
2. *Chingleput Division.*—Improvements to Tirumukkudal tank—Chief Engineer's (Irrigation) No. 4238/46-A-5, dated 2nd February 1950.	10,500	9,639	..	300	..
3. *Chingleput Division.*—Improvements to Ottiambakkam tank—D.R. No. 134/50-51.	14,000	3,969	8,300	— 100	..
4. *Chingleput Division.*—Constructing a masonry retaining wall in Athur Vadapathy river channel—C.R. No. 43/51-52.	27,500	23,530	..	— 400	..
5. *Chingleput Division.*—Improvements to Krishnapuram river channel—D.R. No. 31/49-50.	12,710	12,054	..	2,400	..
6. *Chingleput Division.*—Restoration of abandoned supply channel to Senroyanpalayam tank from Alikudi odai and constructing the head sluice and grade wall—G.O. Ms. No. 115, Food and Agriculture (Food Production), dated 27th March 1951.	28,000	23,367	..	4,600	..
7. *Chingleput Division.*—Constructing an anicut across Mulli Maduvu—Chief Engineer's (Irrigation) No. 346/51-J-12, dated 6th December 1951.	18,780 19,400	10,723	..	18,800	..
8. *Chingleput Division.*—Excavation of a new surplus channel from the right flank of Neemam tank to Chembarambakkam tank—G.O. Ms. No. 346, P.W., dated 28th January 1950.	5,90,000 6,49,000	6,29,247	..	20,000	..
9. *South Arcot Division.*—Improvements to eight tanks from Vadakanandal Anicut in Kallakurichi taluk—G.O. No. 52, Food and Agriculture, dated 4th July 1950.	2,10,000 3,27,000	3,24,234	15,000	8,000	..
Carried over ..			23,300	54,600	..

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

(1)	Amount of estimate. (2)	Accounts to end of 1953–54. (3)	Budget Estimate, 1954–55. (4)	Revised Estimate, 1954–55. (5)	Budget Estimate, 1955–56. (6)
	RS	RS	RS	RS	RS
IRRIGATION WORKS—*cont.*					
UNPRODUCTIVE—*cont.*					
SMALL IRRIGATION SCHEMES—*cont.*					
WORKS—*cont.*					
6. NON-SYSTEM WORKS—*cont.*					
Brought forward ..			23,300	54,600	..
10. *South Arcot Division.*—Construction of a sluice in Perumal tank bund—G.O. No. 210, Food and Agriculture (Food Production), dated 15th November 1950.	57,000 74,161	..	38,000	*	..
11. *South Arcot Division.*—Improvements to Toludur tank—Chief Engineer's (Irrigation) No. 4233/48-B-6, dated 5th February 1951.	12,000	4,567	7,500	7,500	..
12. *South Arcot Division.*—Excavation of a channel from Vellar above Korukkavadi Anicut to irrigate lands in Lakshmanapuram and Korukkavadi villages—G.O. Ms. No. 308, Food and Agriculture (Food Production), dated 24th July 1951.	27,000 35,101	26,199	8,000	9,000	..
13. *South Arcot Division.*—Improvements to the Kilianur large tank—G.O. No. 2760, P.W., dated 31st July 1948.	49,000	28,671	..	16,800	..
14. *South Arcot Division.*—Reclamation of Kaliveli swamp—G.O. No. 2199, P.W., dated 14th June 1949—Chief Engineer's (Irrigation) No. 18/49-50.	3,63,000 3,30,000	2,02,794	200	200	..
15. *South Arcot.*—Improvements and repairs to Kunjamangalam tank—G.O. No. 910, P.W., dated 12th March 1949—C.R. No. 1/49-50.	1,00,000 1,30,108	70,930	..	10,700	..
16. *South Arcot.*—Improvements to Velur Pudupakkam Hissa tank.	1,05,000 1,36,613	97,308	..	1,000	..
17. *South Arcot Division.*—Improvements to Anapakkam tank—G.O. No. 1381, P.W., dated 21st April 1948.	12,000	12,006	..	100	..
18. *South Arcot Division.*—Improvements to Satyamangalam large and small tanks—G.O. Ms. No. 1658, P.W., dated 28th April 1950.	1,28,100 1,35,000	38,175	69,200	72,000	..
19. *Grand Anicut Canal Division, Tanjore.*—Formation of flood banks of the right side of Kannanar—G.O. No. 34, P.W., dated 4th January 1949, and Government Memorandum No. 79-S.I./49-7, dated 25th June 1949.	23,426 30,479	25,160	..	..	..
20. *Tiruchirappalli Division.*—Construction of an anicut across Uppar river in Thaluthalapatty village, Lalgudi taluk—G.O. Ms. No. 309, Food and Agriculture (Food Production), dated 24th July 1951—C.R. No. 10/51-52.	65,000	47,600	..	7,000	..
21. *Tiruchirappalli Division.*—Improvements to Puthur Periaeri—G.O. No. 2763, P.W., dated 22nd July 1949.	50,000	47,300	..	— 100	..
22. *Tiruchirappalli Division.*—Restoration of Kaikalathur tank—G.O. No. 4687, P.W., dated 14th December 1949.	1,62,250	1,24,151	15,000	15,000	..
23. *Tirunelveli Division.*—Restoration of Sivalaperi tank—G.O. No. 3834, P.W., dated 22nd September 1948.	3,90,500	3,17,346	..	..	..
Carried over ..			1,61,200	1,93,800	..

* Classified under "Shatiatope Anicut System".

68.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

— (1)	Amount of estimate. (2)	Accounts to end of 1953-54. (3)	Budget Estimate, 1954-55. (4)	Revised Estimate, 1954-55. (5)	Budget Estimate, 1955-56. (6)
	RS	RS	RS	RS	RS
IRRIGATION WORKS—*cont.*					
UNPRODUCTIVE—*cont.*					
SMALL IRRIGATION SCHEMES—*cont.*					
WORKS—*cont.*					
6. NON-SYSTEM WORKS—*cont.*					
Brought forward ..			1,61,200	1,93,800	..
24. *Periyar Division.*—Improvements to Maithalamannadikulam tank and supply channel in Periyakulam taluk—G.O. Ms. No. 211, Food and Agriculture (Food Production), dated 15th November 1950—C.R. No. 2/50-51.	52,000	34,212	..	— 100	..
25. *Periyar Division.*—Restoration of Anaikulam anicut at the head of supply channel across Santhanavarthini river.	16,500 16,850	12,576	..	300	..
26. *Coimbatore Division.*—Extension of irrigation under Punjathalayar branch channel—G.O. No. 67, Food and Agriculture (Food Production), dated 21st February 1951.	50,000 65,054	34,582	..	4,800	..
27. *Coimbatore Circle.*—Minor works			17,200	1,100	..
28. *Coimbatore Division.*—Restoration of Kothavadi tank—G.O. No. 1235, P.W., dated 27th April 1946.	1,50,000	1,05,569	..	1,400	..
29. *West Coast Division.*—Constructing a vented dam across Marivaya thodu in Mangalam village—Ponnani taluk—D.R. No. 15/51-52.	24,330 18,700	17,537	..	500	..
30. *West Coast Division*—Constructing a vented dam across Chittathukara in R.S. No. 110 of Bramhakulam village—D.R. No. 10-L/53-54.	15,540 12,000	..	12,000	(*a*)	..
31. *West Coast Division.*—Repairs and improvements to the Vandithode Anicut Scheme—G.O. No. 4054, P.W., dated 16th October 1948.	99,900 1,14,000	75,424	..	3,800	..
32. *West Coast.*—Construction of a dam across Kundichira river in Kottayam taluk—G.O. No. 3654, P.W., dated 29th May 1949.	99,870 1,33,950	1,06,521	..	20,400	3,000
33. *West Coast Division.*—Construction of a vented dam across Nairthodu—No. 734/50-B-1, dated 3rd March 1950.	19,776	19,721	..	300	..
34. *South Kanara.*—Restoration of Ramachira dam—G.O. No. 1910, P.W., dated 16th May 1950.	57,247 44,000	62,877	..	900	..
35. *South Kanara.*—Construction of an anicut across the Shiriyar river in Kasaragod taluk.	6,81,780 5,23,000	5,48,301	..	1,300	..
36. *South Kanara Division.*—Construction of an anicut across Pavanjethodu—G.O. No. 465, P.W., dated 7th February 1950.	1,35,085 1,03,826	97,026	..	— 500	..
37. *South Kanara.*—Construction of an anicut across Mulki River at Palimar—G.O. No. 79, Food and Agriculture (Food Production), dated 3rd August 1950.	2,54,230 1,95,000	2,03,184	..	— 9,600	..
TOTAL—6. NON-SYSTEM WORKS ..			1,90,400	2,18,400	3,000

(*a*) Included under "Special Minor Irrigation Programme Works."

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